



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
52-XXX-XX

Product Name: Glass Ionomer Band Cement Powder

Release Date: March 2, 2006

1. Product and Company Identification

Trade Name & Synonyms Ideal Plus Glass Ionomer Band cement Powder	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) Powder Component of dental cement	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
None in this formulation	NA	NA	NA
DOT HAZARD CLASSIFICATION: Not regulated WHMIS CLASSIFICATION: Not regulated NFPA HMIS RATING: Health: 1 Flammability: 0 Reactivity: 0			

3. Hazard Identification

Emergency Overview					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	May be irritating.	NA	NA	NA	NA
Skin	Skin absorption: N/A Skin contact: N/A	N/A	N/A	N/A	N/A
Inhalation	Dust may be slightly irritating to respiratory tract.	NA	NA	NA	NA
Ingestion	None expected under normal conditions of use.	NA	NA	NA	NA
Other	Summary of Acute hazards: This material, in the quantities present in this product and under normal conditions of use, presents a very slight health hazard of dust inhalation or irritation to eyes on contact. Summary of chronic hazards: None known for this product. In general, prolonged exposure to any heavy dust concentration may be harmful to the respiratory tract.	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) Not known to be a carcinogen. Teratogenicity: None known. Mutagenicity: None known. Reproductive toxicity: None known.					
Potential Environmental Effects NA					



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4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Rinse well with water.	If irritation persists, seek medical care.	NA
Skin	Wash with soap and water.	NA	NA
Inhalation	Remove to fresh air.	If symptoms persist, seek medical care.	NA
Ingestion	For large quantities, seek medical advice.	NA	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other Not a fire or explosion hazard. Hazardous combustion products: None
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	
Extinguishing Media Any method suitable for extinguishing supporting fire.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters None			
Unusual Fire and Explosion Hazards None			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Release or spill: Wear respirator for large quantities. For small quantities: Wear dust mask, gloves and safety glasses. Scoop or sweep up material without dispersing dust into air. Place into covered container for disposal. Wash area of spill with damp paper towel.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings For small quantities (as in this product): Store tightly closed in original container away from moisture.



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8. Exposure Control/Personal Protection

Ventilation Under normal conditions of use of this product, no special ventilation is required. For large quantities, local exhaust and /or general mechanical ventilation are recommended.		Other Engineering Controls NA
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Eye protection: Safety glasses are recommended when normal conditions of use are anticipated.	NA
Skin	Protective gloves: Usual surgical gloves worn by dental staff.	NA
Inhalation	Under normal conditions of use of this product, the surgical mask worn by dental staff is adequate. For large quantities, a dust mask or mechanical filter respirator is recommended.	NA
General Hygiene Considerations and Work Practices Wash hands after use.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Emergency eye wash fountain.		

9. Physical and Chemical Characteristics

Appearance Fine, white powder.		Odor None. Odor threshold: N/A
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> ____ (Other)		Boiling Point °C / °F NA Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) NA	Solubility in Water Nil	pH NA
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None		
Hazardous Products Produced During Decomposition None		
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur		Conditions to Avoid °C / °F None
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		Conditions to Avoid °C / °F None

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

NA

13. Disposal Considerations

Regulations

Waste disposal: Follow government regulations. Other precautions: Wash hands after use.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No

Proper Shipping Name

Pulpdent glass ionomer band cement powder

Packing Group

NA

Do changes in quantity, packaging, or shipment method change product classification?

Yes No

Hazard Class

DOT Hazard
classification:
Not regulated.

Identification Number

NA

Other

NA

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

WHMIS CLASSIFICATION: Not regulated.

NFPA HMIS RATING: Health: 1 Flammability: 0 Reactivity: 0

16. Other Information

Supplier Number: 6/52

Supplier Release: January 1, 2005.

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.